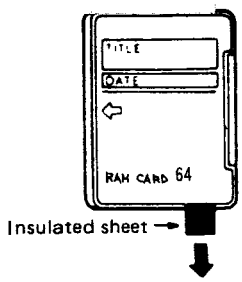
SHARP SERVICE MANUAL

CODE:00ZCE2H64MSME



MODEL CE-2H64M

- Small 64KB RAM card for pocket computer
- With−in battery

1. SPECIFICATIONS

Capacity CE−2H64M:64K bytes (RAM)

Backup power supply: 3V⎓(DC) Lithium battely (CR−1616)×1

Battery life: 5 years When attached to a calculator. Appor oximately 12 months when removed from the calculator.
(At constant temperature of 20°C (68° F)
These periods may change depending on use and environmment.)
When the above time periods haveelapsed, replace the battery.

Operating temperature: 0°C～40°C(32° F～104° F)

Dimenseons: 42(W)×54(D)×2.8(H)mm
1−21/32"(W)×2−1/8"(D)×1/8"(H)

Weight(With batter):approximately 15g (0.03lb.)

Accessories: 1 label, 1 inthium battery (built−in), 1 card case, 1 operation manual

Model	Memory	RAM File	
PC1280	○	○	Internal RAM 8KB is not Aceessuble
PC1475	×	○	———

2. CORRENT CONSUMPTION AND CONTINUITY CHECK

(1) Connect the DC power supply Ⓥ and the ammeter Ⓐ across the battery pads (+ and−)of the PWB unit as illustrated in Fig 1.

(2) Evalute the current readihg about three seconds after the DC power supply Ⓥ +3V is turned on.

(3) Ignore several 10 micro−amperes flowing at the moment the power supply is turned on. It is satisfactory if the steaby current about 3 seconds after awitchihg on is 4 micro−amprer es or below.

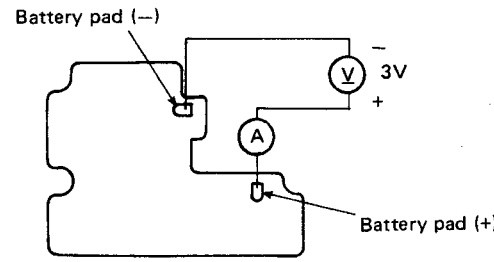


Fig. 1

(4) Apply an ohmmeter probe to the screw in the bottom panel with the other probe to the battery insulation sheet releasing window (metallic part) in the top cabinet and measure the resistance. The resistance must be less than 10ohms.

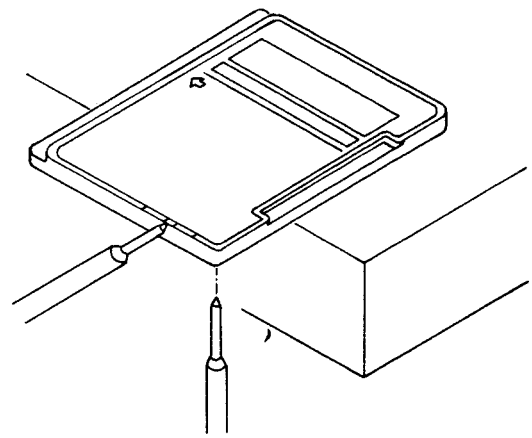


Fig. 2

3. NOTES FOR SERVICING

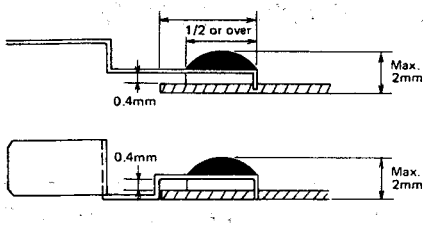
For this PWB's snppling by complete unit only

(1) Removal of PWB unit from cabinet
The PWB unit is stuck with the adhesive tape and the terminals of the PWB unit may be bent making the unit unserviceable if it is tried to remove the unit directly. Heat the terminal section for about 10 secods by a hair dryer and then carefully pull the PWB unit.

(2) Nates for mounting parts or PWB unit

Soldering

(a) Attach the battery terminals by paying attention to the notes in the illustration below.

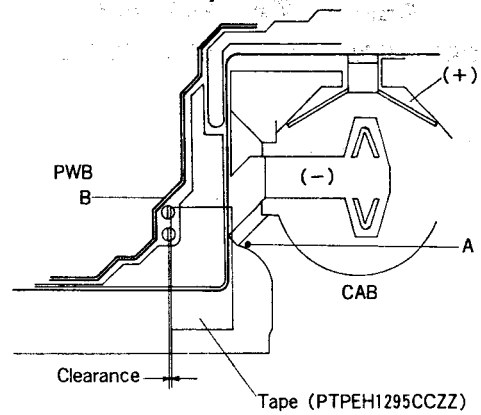


- Solder the battery terminals with PWB Without slant.
- Solder the terminals so that the solder covers, at least, 50% the top side of the terminal soldering portion. Sloder shall not appear on the side face of PWB.

(b) Exercise care so that solder shall not stick to the connector teminals.

(c) Don' t use solder more than necessary.

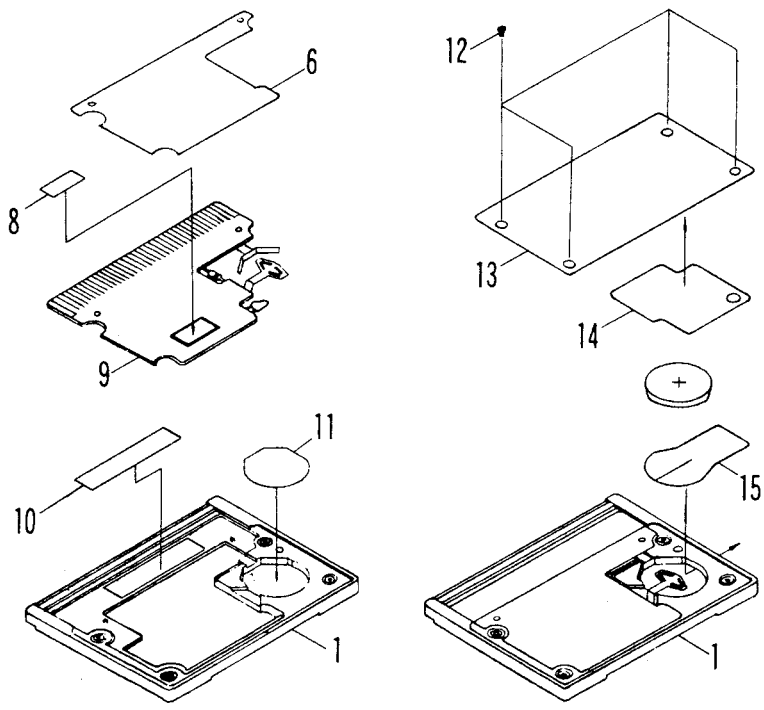
CE−2H64M Parts Description



- Put the tape so that thete is a clearance between the tape and the battery tetminal (−) as shown in the figure above.
- Put the tape so that it does not cover the CAB cassis (section A) and the pattetn (section B).

4. PARTS LIST&GUIDE

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	DUNTG1286ECZZ	AS	N	D	Cabinet unit
6	PZETL1576CCZZ	AA		C	Protection sheet
8	PTPEH1295CCZZ	AA		C	Tape
9	DUNTK1287ECZZ	BQ	N	E	RAM PWB unit (Include №101~102)
10	PTPEH1294CCZZ	AA		C	Tape (for PWB terminal bonding)
11	PZETL1583CCZZ	AB		C	Insulator sheet
12	LX−BZ1190CCZZ	AA		C	Screw
13	HPNLH1049CCSD	AD	N	D	Bottom panel
14	PZETL1575CCZZ	AA		C	Insulator sheet
15	PZETL1577CCZZ	AA		C	Insulator sheet
101	QTANZ1494CCZZ	AB		C	Battery terminal ⊕
102	QTANZ1495CCZZ	AB		C	Battery terminal ⊖
201	SPAKC0351ECZZ	AG	N	D	Packing case (U.S.A.)
	SPAKC0354ECZZ	AG	N	D	Packing case (except U.S.A.)
202	TINSM1148ECZZ	AE	N	D	Instruction book
204	UBAGC1434CCZZ	AD		D	Vinyl case
205	TCAUK1244CCZZ	AA		C	Caution card



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